Attorney Docket No.: Q77547

Application No.: 10/699,815

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the

application:

LISTING OF CLAIMS:

1. (currently amended): A vehicular headlamp comprising a light-emitting system

comprising at least one semiconductor light-emitting element and an optical system comprising

at least one of a reflector and a lens, a focal point of said optical system being on or near a light-

emitting surface of said light-emitting systemelement, said light-emitting surface of said light-

emitting element having a horizontally elongated shape in a direction orthogonal to an optical

axis of said light-emitting element-system when viewed in the direction of the optical axis of said

light-emitting systemelement, and said optical system forming a light distribution pattern by

enlarging a light pattern of said light-emitting surface in a horizontal direction, wherein the light-

emitting surface of the light-emitting element-system has a rotationally asymmetric shape and a

straight-line edge, whereby the optical system forms the light distribution pattern with a cut line

by projecting the straight-line edge of the light-emitting surface.

2. (original) The vehicular headlamp according to claim 1, wherein said light-emitting

surface has a substantially rectangular shape when viewed in said direction of said optical axis.

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3. (currently amended) The vehicular headlamp according to claim 1, wherein said light-

emitting element-system comprises a semiconductor chip, a reflector disposed behind and around

said semiconductor chip, and a fluorescent body filled around said semiconductor chip.

4. (currently amended) The vehicular headlamp according to claim 2, wherein a side

edge portion of a pattern shape of a light source image of said light-emitting element-system in a

longitudinal direction thereof has a shape geometrically similar to a cut line of a low-beam of a

headlamp.

5. (currently amended) The vehicular headlamp according to claim 1, wherein said light-

emitting element system comprises a plurality of semiconductor chips arranged in an array,

whereby a rotationally asymmetric light intensity distribution can be obtained around the optical

axis of the light-emitting element-system by selectively causing a plurality or all of said

semiconductor chips to radiate light.

6. (cancelled).

7. (previously presented): The vehicular headlamp according to claim 5, wherein said

semiconductor chips are arranged in a single line, and further comprising a semi-cylindrical

fluorescent member covering said semiconductor chips.

8. (cancelled).

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9. (previously presented): The vehicular headlamp according to claim 5, wherein said

semiconductor chips are arranged in a rectangular matrix, and said optical system comprises a

hemispherical fluorescent member covering said semiconductor chips.

10. (original) The vehicular headlamp according to claim 5, wherein different ones of

said semiconductor chips have respectively different shapes so as to produce respective light dis-

tribution patterns having differing amounts of diffusion in a horizontal direction, whereby said

optical system forms a combined projected light pattern by combining said respective light dis-

tribution patterns having differing amounts of diffusion.

11. (original) The vehicular headlamp according to claim 10, wherein selected ones of

said semiconductor chips are shaped and arranged to produce a projected light pattern having a

cut line for a headlamp low-beam.

12. (currently amended): A vehicular headlamp comprising a light-emitting system

comprising a semiconductor light-emitting element and an optical system comprising at least one

of a reflector and a lens, a focal point of said optical system being on or near a light-emitting

surface of said light-emitting systemelement, said light-emitting surface of said light-emitting

element-system having a rotationally asymmetric shape in a direction orthogonal to an optical

axis of said light-emitting element-system when viewed in the direction of the optical axis of said

 $light-emitting \ \underline{system} \underline{element}, \ and \ said \ optical \ system \ forming \ a \ light \ distribution \ pattern \ by$

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enlarging an image of said light source image, and wherein the light-emitting surface of the light-

emitting element-system has a straight-line edge, whereby the optical system forms the light

distribution pattern with a cut line by projecting the straight-line edge of the light-emitting

surface.

13-14. (Cancelled).